

DWA Belt Tracking Adjustment Guide (abridged)

See *Belt Tracking* on Page 21 of Operator's Manual

Important: For all adjustments, only rotate the adjustment nut $\frac{1}{2}$ turn per adjustment and operate the unit in field conditions for one minute before making more adjustments. Only make one adjustment each time between operating time in the field.

To adjust the belt, perform the following in order:

1/ Adjust belt tension.

Tighten nuts on adjustment bolts on both ends of the idler roller so that the bushing over the spring is only able to rotate slightly with fingers and has no end-to-end movement.

2/ Adjust the angle of tracking.

The belt must track parallel to the belt frame.

Figure 1: If belt is tracking on an angle towards the rear, adjust the front of the drive roller in.

Figure 2: If belt is tracking on an angle towards the front, adjust the front of the drive roller out.

3/ Adjust Fore/Aft Belt Tracking

The belt must track as close to the rear of the belt frame as possible without contacting the back of the frame. During this adjustment, disregard the pressure on the bushings over the spring set at the beginning.

Figure 3: If belt is tracking too far forward, adjust the front of the idler roller outward.

Figure 4: If belt is tracking too far rearward, adjust the rear of the idler roller outward.

4/ Periodic Adjustments

Over time, belt stretch and wear will require the belt to be adjusted.

Monitor the belt tension by observing the bushing over the spring on the idler roller. If the bushings become loose, tighten the adjustment nut to reset the pressure as stated previously. If equal adjustments are made on both sides of the idler roller, belt tracking should remain the same.

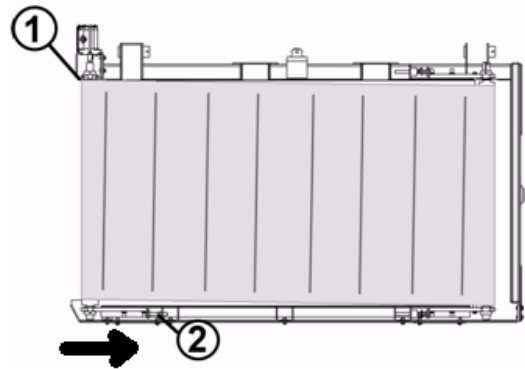


Figure 1. Angled Tracking Towards Rear

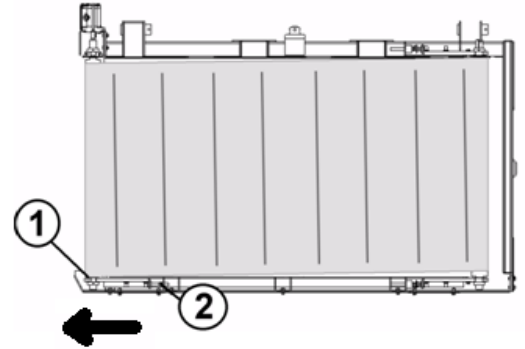


Figure 2. Angled Tracking Towards Front

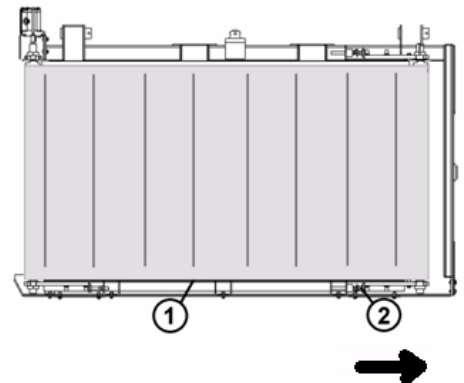


Figure 3. Belt Tracking Towards Front

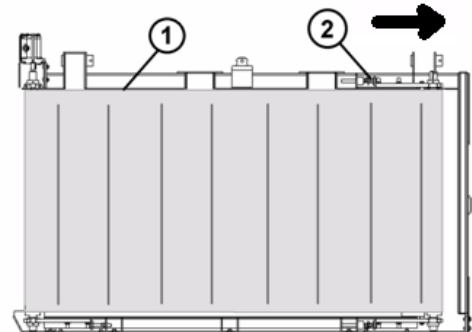


Figure 4. Belt Tracking Towards Rear